

ARRIS CM3200A

DOCSIS 3.0 CABLE MODEM

FEATURES

- DOCSIS®3.0 / EuroDOCSIS 3.0 Certified and backward compatible
- External AC/DC Adapter for reduced product size
- Flexible DX x US channel bonding support (up to 32x8)
- DS Spectrum Analysis, Speed Test, and LEDs for troubleshooting
- Business Services over DOCSIS (BSoD) support
- Available in 42MHz and 85MHz upstream options

PRODUCT SPECIFICATIONS

PHYSICAL

Operating Temperature °F (°C)	32 to 104 (0 to 40)
Operating Relative Humidity	5-95% (Non-condensing)
Storage Temperature °F (°C)	-40 to 158 (-40 to 70)
Dimensions (H x W x D) in.	5.9 x 5.3 x 1.8
Weight (lbs.)	0.77
Diagnostic LEDs	Power, US/DS, Online

INTERFACES

RF Interface	External 75Ω 'F' type connector
Data Interfaces (bridged)	10/100/1000 Base-T Ethernet (RJ-45 connector)
Power Interface (nominal)	Adapter input = 115-240 VAC, 50/60 Hz Adapter output (to CM3200) = 12V/2A





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RF DOWNSTREAM

Frequency Range (MHz) (edge to edge)	CM3200A/NA: 88-1002 CM3200B/CE-85: 108-1002
Bonded Channels	Up to 32
Tuner Configuration	Full capture tuning range
Modulation	64 or 256
Data Rate (Mbps Max.)	Up to 1000 (limited by GigE interface)
RF Input Sensitivity Level (dBmV)	-15 to +15
Carrier Bandwidth	8 (Annex A) or 6 (Annex B)
MoCA® Immunity Filter	Embedded

RF UPSTREAM

Frequency Range (MHz)	CM3200/NA: 5-42 CM3200B/CE-85: 5-85
Bonded Channels	Up to 8
Modulation	QPSK, 8 QAM, 16 QAM, 32 QAM, 64 QAM, 128 QAM (S-CDMA)
Modulation Bandwidth (kHz)	TDMA: 200, 400, 800, 1600, 3200, 6400 S-CDMA: 1600, 3200, 6400
Data Rate (Mbps Max.)	Up to 240
RF Output Level (dBmV)	TDMA: +17-61 (QPSK) +17-58 (8 QAM, 16 QAM) +17-57 (32 QAM, 640 QAM) S-CDMA: +17 to +56 (all modulations)
Automatics Level Adjust	Yes
Frequency Stability (kHz)	±5
Output Impedance (Ω)	75